

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	"6460003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 21:25
L2	0	1 and hystere\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 17:42
L3	0	1 and flux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 17:42
L4	26	("4315318"   "4674125"   "4716414"   "4718104"   "4731865"   "4868651"   "4891757"   "4920428"   "4969204"   "5075883"   "5224177"   "5461655"   "5467404"   "5506880"   "5528659"   "5546473"   "5644662"   "5693948"   "5760403"   "6266625").PN. OR ("6460003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:43
L5	11	4 AND THRESHOLD	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:43
L6	6	5 and artifa\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:44
L7	10	5 and (artifa\$5 or error or misrepres\$6 or distort\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:44
L8	10	7 and imag\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:45
L9	10	8 and pixel\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:51

## EAST Search History

L10	61	( "20010031076"   "20020081006"   "20020193687"   "20030048867"   "20030095693"   "20030095695"   "20030165262"   "20030176780"   "20030215124"   "20040069951"   "20050281478"   "4135247"   "4613754"   "4974598"   "5170439"   "5325293"   "5335260"   "5396886"   "5446799"   "5528492"   "5549117"   "5570404"   "5581460"   "5704371"   "5729620"   "5768406"   "5807256"   "5832450"   "5832504"   "5895461"   "5911133"   "5950207"   "5986662"   "6029138"   "6049622"   "6058322"   "6061419"   "6061695"   "6083162"   "6088488"   "6110109"   "6122351"   "6133918"   "6137898"   "6190334"   "6205871"   "6226352"   "6233304"   "6253214"   "6304848"   "6317617"   "6320931"   "6348793"   "6366638"   "6430430"   "6460003"   "6674834"   "6674880"   "6697415"   "6813393"   "6928182").PN. OR ("7149331"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:53
L11	1	9 and (scintill\$6 or hyster\$6 or flux)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:51
L12	49	10 and (first and second)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 17:53
L13	7	12 and (scintill\$5 or hyster\$6 or flux)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:00
L14	2	10/151510	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 18:02
L15	1	12 and flux	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 18:03
L16	1	13 and flux	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:01

## EAST Search History

L17	0	flast near3 x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:01
L18	1383	flat near3 x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:01
L19	1383	flat near3 x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:01
L20	404	19 and (scintill\$5 or hysteresis or flox)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:02
L21	369	20 and signal\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:02
L22	156156	"21" and pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:02
L23	369	20 and signal\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:02
L24	228621	21and pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:02
L25	282	21 and pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:45
L26	21549	differ\$5 with (signal\$2 same threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:46
L27	1005	26 and artifact	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:46
L28	526	27 and pixel\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:47
L29	460	28 and (area or region)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:47
L30	451	29 and imag\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:47
L31	20	30 and flux\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:49

## EAST Search History

L32	8	31 and photod\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:20
L33	2	32 and deviat\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 19:49
L34	36	"5239591"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:20
L35	1	34 and scintill\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:29
L36	14	x\$ray with flux same threshold and pixel\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 22:36
L37	5	"6246747"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:32
L38	40	"5376795"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:32
L39	15	"5365069"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:31
L40	14	"5587585"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:31
L41	3	"5939724"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:32
L42	10	"388258"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:32
L43	3	"6388258"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 20:32
L44	2	"6996262"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 21:25

## EAST Search History

L45	18	("4541106"   "4780897"   "4811373"   "4901337"   "4963746"   "5132995"   "5165410"   "5436829"   "5687211"   "5841832"   "5841833"   "6160866"   "6185271"   "6298109").PN. OR ("6438201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 21:55
L46	0	irridat\$6 with flux with pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 21:56
L47	3	irridat\$6 and flux and pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 21:56
L48	150	shape near1 artifact\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 22:35
L49	123	L48 and ( detect\$4 or extract\$4 or find\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 22:35
L50	18	L49 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 22:35
L51	14	L50 and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 22:35
L52	6	36 and bon\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 22:36
L53	6	52 and imag\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 22:37
L54	3	53 and photod\$8	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 22:43

## EAST Search History

L55	3	54 and signal	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 22:58
L56	3	55 and threshold	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 23:50
L57	1	10/774174	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 23:37
L58	6	flat near1 field near1 x\$ray	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 23:50
S1	0	(10/774174).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 15:25
S2	0	10/77417	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:25
S3	1	10/774174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 17:41
S4	8	"6460003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:54
S5	7	S4 and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:54
S6	7	S5 and imag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:54

## EAST Search History

S7	2	S6 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:56
S8	61	( "20010031076"   "20020081006"   "20020193687"   "20030048867"   "20030095693"   "20030095695"   "20030165262"   "20030176780"   "20030215124"   "20040069951"   "20050281478"   "4135247"   "4613754"   "4974598"   "5170439"   "5325293"   "5335260"   "5396886"   "5446799"   "5528492"   "5549117"   "5570404"   "5581460"   "5704371"   "5729620"   "5768406"   "5807256"   "5832450"   "5832504"   "5895461"   "5911133"   "5950207"   "5986662"   "6029138"   "6049622"   "6058322"   "6061419"   "6061695"   "6083162"   "6088488"   "6110109"   "6122351"   "6133918"   "6137898"   "6190334"   "6205871"   "6226352"   "6233304"   "6253214"   "6304848"   "6317617"   "6320931"   "6348793"   "6366638"   "6430430"   "6460003"   "6674834"   "6674880"   "6697415"   "6813393"   "6928182").PN. OR ("7149331"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 15:56
S9	3964	382/128	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 15:56
S10	1760	382/131	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 15:56
S11	1	S7 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:57

## EAST Search History

S12	1	S7 and (x-ray or xray)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:57
S13	14143	scintillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:57
S14	112	S13 and hysteresis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:58
S15	31	S14 and artifacts	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:58
S16	29	S15 and x-ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:58
S17	29	S16 and imag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:58
S18	29	S17 and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:59
S19	6	S18 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:59



## EAST Search History

S20	4	S19 and automa\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:59
S21	6	S19 and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:59
S22	6	S19 and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 15:59
S23	6	S19 and pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:00
S24	150	shape near1 artifact\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:07
S25	121	S24 and ( detect\$4 or extract or find\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:07
S26	123	S24 and ( detect\$4 or extract\$4 or find\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:07
S27	18	S26 and x\$ray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:07

## EAST Search History

S28	14	S27 and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:07
S29	6	S28 and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:13
S30	1305	"2829" and deviation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:09
S31	2	S29 and deviation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:09
S32	4	S29 and (flux or hysteresis\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 16:14
S33	0	photodio\$5 with signal with pixel\$4 same (threshold and imag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 17:10
S34	67	photodio\$5 with signal with pixel\$4 same (threshold and imag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 17:10
S35	0	S34 and (x\$ray with flux)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 17:11

## EAST Search History

S36	2	S34 and flux	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 17:11
S37	67	S34 and imag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 17:11
S38	13	S37 and irradiat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/07 17:12